

S-Band/C-Band Low Noise Amplifiers



Applications

- S-band Radar / Surveillance
- Defense / Military Application
- Test / Simulator

Features

- High Power Handling & Survival
- High Linearity & Fast Recovery
- 0.5dB Step Attenuator

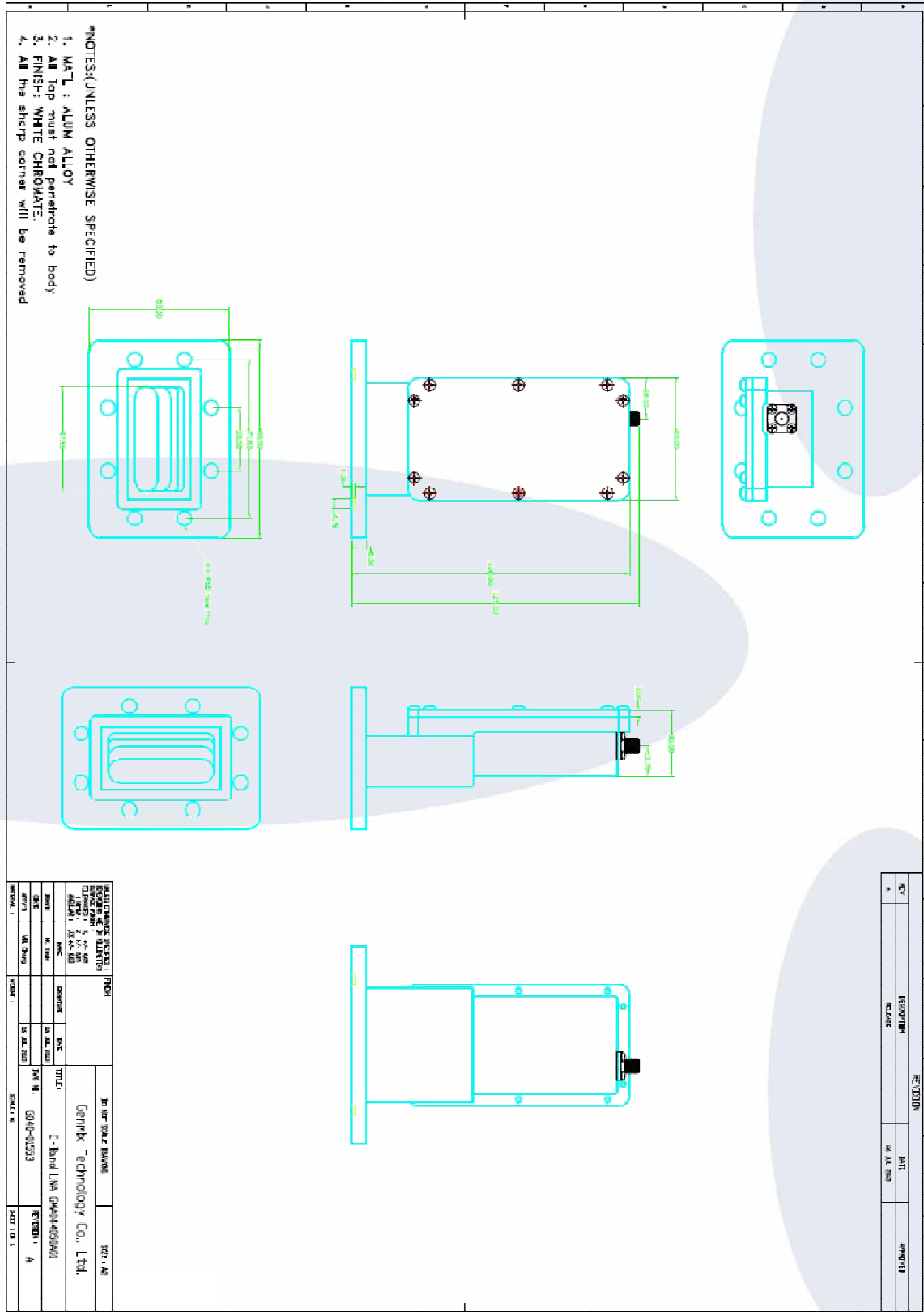
Specification

Parameter	GMA027029A01	GMA044050A01 / GMA034042A01	Remark
Frequency	2.7 to 2.9GHz	4.4 to 5.0GHz / 3.4 to 4.2GHz	
Noise Figure	0.7dB max.	1.0dB max. / 0.8dB max.	Over temperature
Gain	30dB typ.	45dB min.	
Gain Flatness	+/- 1.0dB	+/- 2.0dB	
Gain Variation over Temp.	+/- 1.0dB	+/- 2.0dB	
Output P-1dB	10dBm min.	12dBm min.	
IP3	20dBm min.		
Input VSWR	1.5:1 max.	2.2:1 max.	
Output VSWR	1.5:1 max.	2.2:1 max.	
Operating Temperature	0 to +50°C	-30 to +60°C	
Interface : RF DC	Output : SMA female Output : SMA female Solderable EMI Filter	Input : W/G WR-187 / W/G WR-229 Output : SMA female DC over output connector	Optional interfaces available
Size / Weight	66.8 x 47.7 x 30.0 mm	See page 2 500g max.	
DC consumption	+15Vdc @ 170mA	+12 to 24Vdc @ 150mA	

The specification subject to change without notice.

C/S Band Low Noise Amplifier

C-band LNA Outline



The specification subject to change without notice.



For the customized specification, price, and delivery ; Contact us
 #1005, Woolim Lions Valley 3rd, 5445 Sangdaewon-dong, Jungwon-gu, Seoungnam-si, Gyeonggi-do 462-819, Korea
 TEL : +82-31-713-6105 FAX : +82-31-720-5011 [Http://www.genmixtech.com](http://www.genmixtech.com)